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- (75) Inventors/Applicants (*for US only*): NOTTE, Patrick, Pierre [BE/BE]; Avenue Duc Gidefroid I n° 16, B-1300 Wavre (BE). DAVIDSON, David, Lee [US/US]; 3775 Saddle Club Circle, Pace, FL 32571 (US). TRIA, John, Joseph [US/US]; 1570 Hunters Creek Drive, Cantonment, FL 32533 (US).
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(54) Title: HEAT TRANSFER FLUIDS FOR APPLICATION OVER A BROAD RANGE OF TEMPERATURES

(57) Abstract: Heat transfer fluids which can be used over a broad range of temperatures such as from 175 °C to -145 °C are disclosed. The heat transfer fluids consist essentially of a mixture of at least two structurally non-identical cycloalkane-alkyl or -polyalkyl compounds, or a mixture of at least two structurally non-identical aliphatic hydrocarbons, or a mixture of a cycloalkane-alkyl or -polyalkyl compound and an aliphatic hydrocarbon. The individual components are present at levels such as to confer to the fluid composition a cloud point below -100 °C, a vapor pressure at +175 °C below 1300 kPa, and a viscosity, measured at the cloud point temperature +10 °C, below 400 cP.

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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